

2017

ground, becoming part of the water supply, or enters surface waters where it encourages algal growth and wide shifts in pH and dissolved oxygen.

The tasks associated with this project include design, construction, monitoring, and outreach to the local community.

Project Status

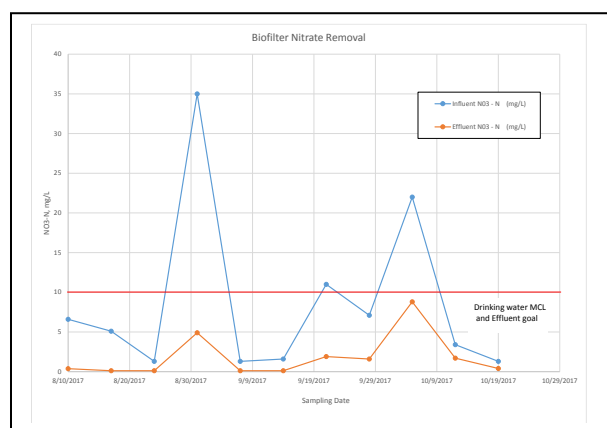
Completed project



In 2017, construction of the project was completed. Startup of the biofilter was challenging, but after a few modifications to improve performance, the biofilter started operating consistently. All elements were completed to meet the grant deadline of October 31, 2017. However, optimization and data collection will continue into the future.

In addition, city staff provided numerous methods of outreach to share the project. Such outreach activities included construction of a permanent sign, letters to upstream growers, and presentations at Rotary, strawberry Field Day, Santa Barbara Water Purveyors Meeting, just to name a few.

Project Assessment and Evaluation



The goal of this project is to remove nitrate from agricultural tailwater to a level below the drinking water maximum contaminant level of 10 mg/L nitrate as nitrogen. Data collected between August and October 2017 demonstrate success at meeting this goal.